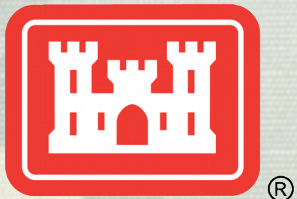


Temporary Roofing



Mission

To shelter in place and protect the primary structure from further damage.



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Brief History

September 21, 1998 Hurricane Georges;
Category II

- Initial damaged roof estimate; +/- 15,000
- 46 Contracts Awarded
- 64,771 roofs temporarily repaired under Temp Roofing Mission



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Temporary Roofing Mission Overview

1 of 2

- ACI Contracts are a place for coastal states from Texas to Maine (8), FEMA Region IV (2), FEMA Region VI (2), Puerto Rico (1), Hawaii (1) and Guam and the Commonwealth of Northern Marianas Islands (CNMI) (1). If no ACI Contract is in place for the disaster area then emergency contracting procedures will be used.
- Plastic Sheeting is furnished by FEMA. Contractors provide all other materials
- The Field Management System (FMS) database is used to track Rights of Entry (ROEs), Assessments and contractor activities.
- A National or Event Policy will clearly define which buildings are eligible by building use (occupancy) and roof type and will specify the amount of coverage for the primary structure.



Temporary Roofing Mission Overview

2 of 2

- The minimum threshold for a Temporary Roofing mission is 3,000 roofs.
- The ROE Collection Centers require a large number of ROE Collectors.
- To perform Assessments and final spot checks of contractor installs, large number of Quality Assurance Inspectors (QAs) are required. Only Federal QAs can perform spot checks on contractors.
- The Speed at which a Temporary Roofing Mission “ramps up” is largely dependent on the number of QAs performing Assessments.



JFO

ESF-3

USACE is the primary agency that performs Emergency Support Mission 3.

Temporary Roofing is a Mass Care mission under ESF-6.



State and Temporary Roofing

When State resources and capacities are over whelmed; a governor may request Federal assistance under a presidential disaster or emergency declaration.



State Cost Share

Under Direct Federal Assistance (DFA) a state may be required to cost share. This percentage may be 75/25, 90/10 or zero depending on the event.

A state may elect to pass on the cost share to counties or parishes.



Mission Guidance

The primary source of Mission Guidance is the state working with FEMA at the JFO.

All coordination with FEMA for Temporary Roofing issues is done by the Action Officer at the JFO.



Pre-Declaration Mission Assignment

Four personnel typically deploy under the FOS MA (\$40K).

- ▶ SMEs (2)
- ▶ SMSs (2) (Resident Engineer and QA Trainer)

Activities include:

- ▶ Performing area recons to determine extent of damage
- ▶ Mission scoping and staffing plan
 - Location of ROE Collection Centers
 - Location of Resident Engineer Offices and staging area for plastic sheeting



Post-Declaration MAs

- Post-Dec DFA Mission
 - ▶ PSMA is \$30M = 10,000 roofs.
 - ▶ MA Task Orders will identify specific counties/parishes.

- Post-Dec FOS Mission
 - ▶ PSMA is \$50K
 - ▶ MA Task Order is for Technical Assistance to local & state governments and VOADs



ACI Contracts

- ▶ Currently 8 “Multiple State Contracts”
 - \$45M each
 - Coastal states from Texas to Maine.
 - 200-300 roofs/day per contractor
- ▶ FEMA Region IV and VI (2 each)
 - 10M each, 50-150 roofs per day
- ▶ Puerto Rico, \$25M
- ▶ US Virgin Islands, \$25M
- ▶ Hawaii, \$25M
- ▶ Guam and the Commonwealth of the Northern Mariana Islands (CNMI), \$10M 50-150 roofs per day
- ▶ American Samoa, None



Current Puerto Rico ACI Temp Roofing Contract

- Contract No: W912EP-10-D-0014
- Contractor: Ceres Environmental Services
- Amount: \$25M
- Expiration: 8 July 2015

*New Contracts will be awarded prior to start of hurricane season



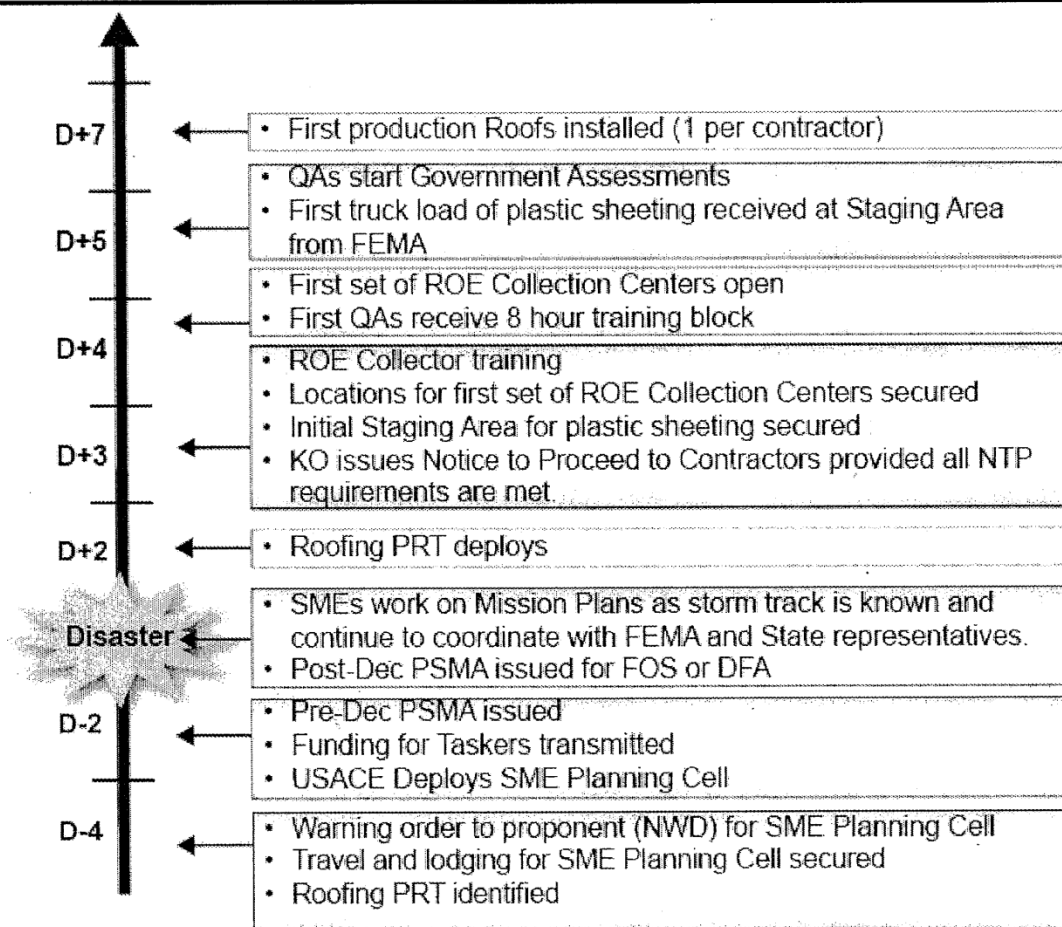
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Mission Timeline and Expectations

- ▶ Goal is the first roof installation by D+7
 - Currently dependent on receiving DFA MA on D-Day
 - New Pre-DEC PSMA puts experienced SMEs on the ground to plan mission.
- ▶ Roofing SOP provides supporting resource “ramp up” to coincide with production targets



Roofing Mission Execution Timeline



2015

ESF #3 Pocket Guide



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Ramp Up is Critical

Roofing Goals

- ▶ First roof on by D+7
- ▶ Sign up (ROE) to installation +/- 14 days
- ▶ Contractors have 10 days to install a roof once they receive a Work Order.
- ▶ Last roof on by 45 days (If ROE collection ends on PD+30)



Production Will Vary

Production is subject to many variables.

- ▶ Weather
- ▶ Travel distance
- ▶ Roof size
- ▶ Roof slope and height
- ▶ Roof complexity



What is an ROE?

- ROE stands for “Rights of Entry”
- Form that gives a Contractor/Government Representative the authorization to get on your property, assess the damage, get on your roof and install the blue plastic



Temporary Roofing Process

ROE Collection

Home owners sign a Right of Entry request allowing USACE access to their property to perform an Assessment and if warranted install a Temporary Roof.

Assessments

Quality Assurance Inspectors (QAs) perform conduct an Assessment of the damage and if warranted prepare a contractor Work Order

Installations

Contractors are given a Work Order for each individual structure. To allow scheduling flexibility, contractors have up to 10 days to complete the work. Once a Contractor has installed the temporary roof and performed the quality control, the roof is reported as being complete to the USACE.

Spot Checks

Spot checks of the contractors work and quality control program are then conducted, the minimum being 10% and the max being 20%. Increasing Quality Assurance spot checks (finals) above 20% for any single contractor requires FEMA concurrence. State concurrence is also required if cost sharing is in effect.



ROE Collection

- ▶ Right of Entry required to enter property to perform Assessment and installation of temporary roofing.
- ▶ 30 days from Presidential Declaration
- ▶ Collection centers
 - Hardest hit areas first
 - More collection centers \neq more sign ups
 - Low volume - close center



On Line Signups

Corps does not do on line signups for Blue Roof ROEs because USACE Office of Council requires a hard copy signature ROE.



On Line Signups

- ROEs on iPads
- Sign with Finger
- 2 Copies Printed
- Work order to Contractor BEFORE Applicant Leaves Building
- Better Drawings-Pictures



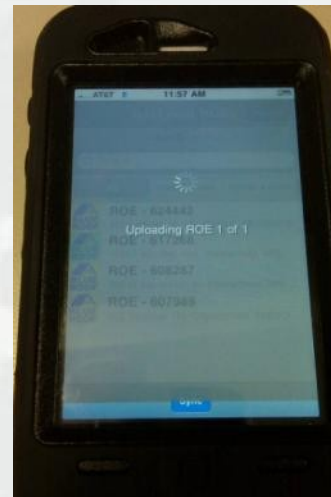
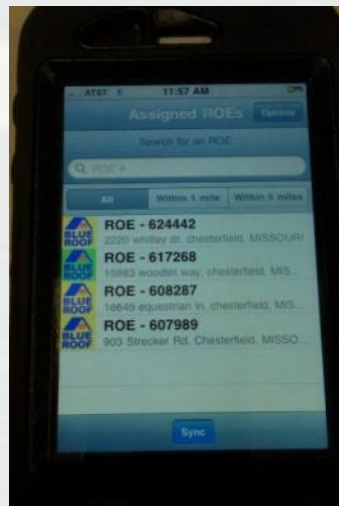
Process Initiatives

- ▶ ERDC Field Management System (Pilot)
 - Sign-Up at ROE Collection Centers using iPads
 - Use of iPhones and iPads by QAs to record assessments
 - Use of a GIS system to manage work

- ▶ New 888 ROOF-BLU Hotline System



Field Management System



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Rapid Temporary Repair

- ▶ Pilot program with FEMA HQ
- ▶ Utilize Roofing PRTs
- ▶ Minor repairs to make homes livable
 - Windows, doors, ingress/egress
 - Must be temporary
 - Considered “sheltering”
 - Is officially Public Assistance
- ▶ Line items in all new roofing contracts
 - Limited to FEMA Regions IV and VI by FEMA
- ▶ Subset of a Roofing mission, not stand alone.





Ideally only areas leaking will be covered, however, this doesn't always happen.



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Temporary Roofing

QUESTIONS?



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